

FIG. 1b

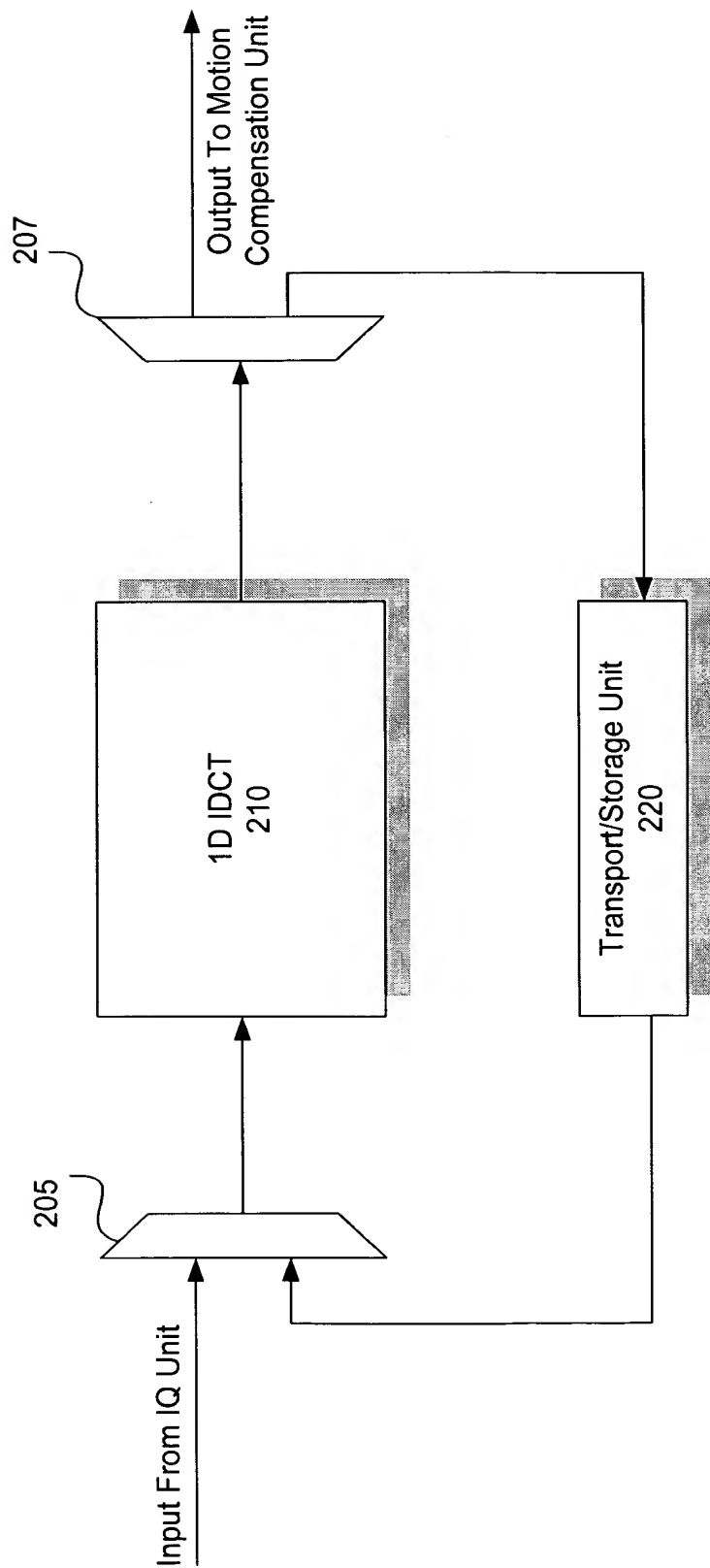


FIG. 2

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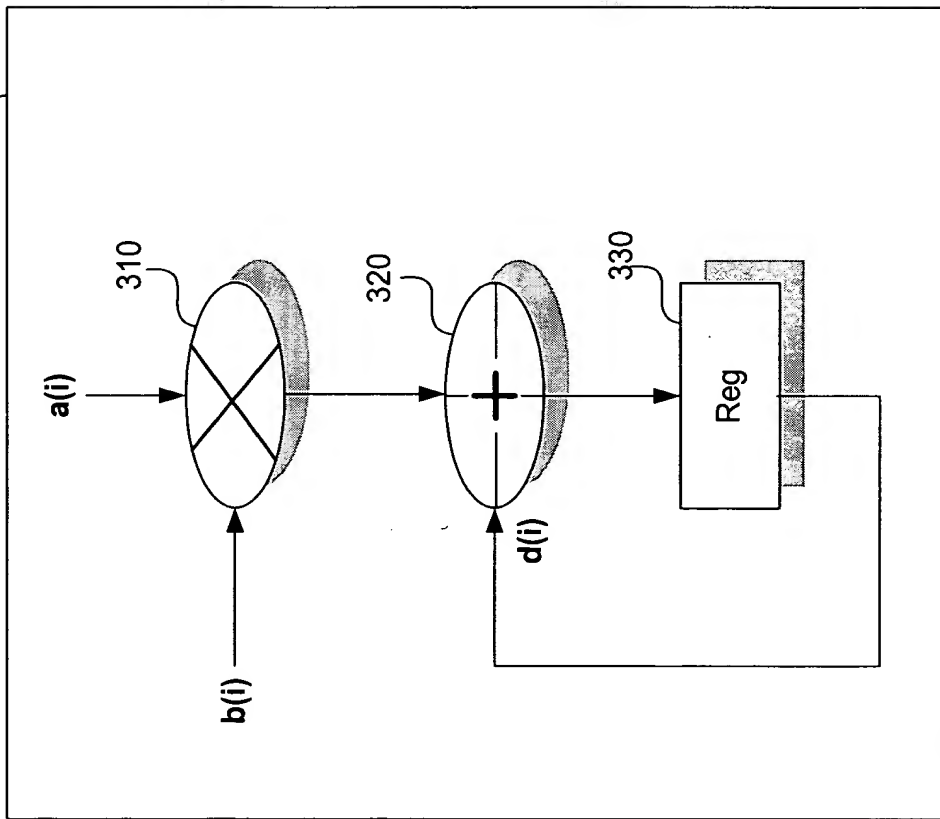


FIG. 3

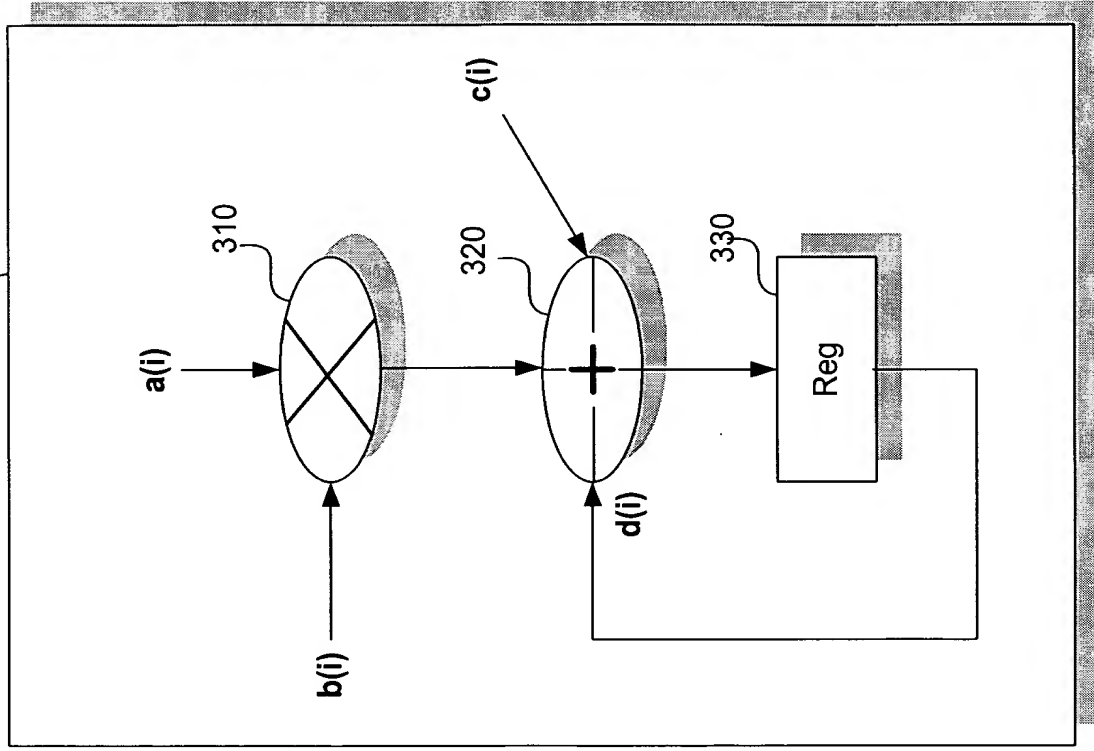


FIG. 4

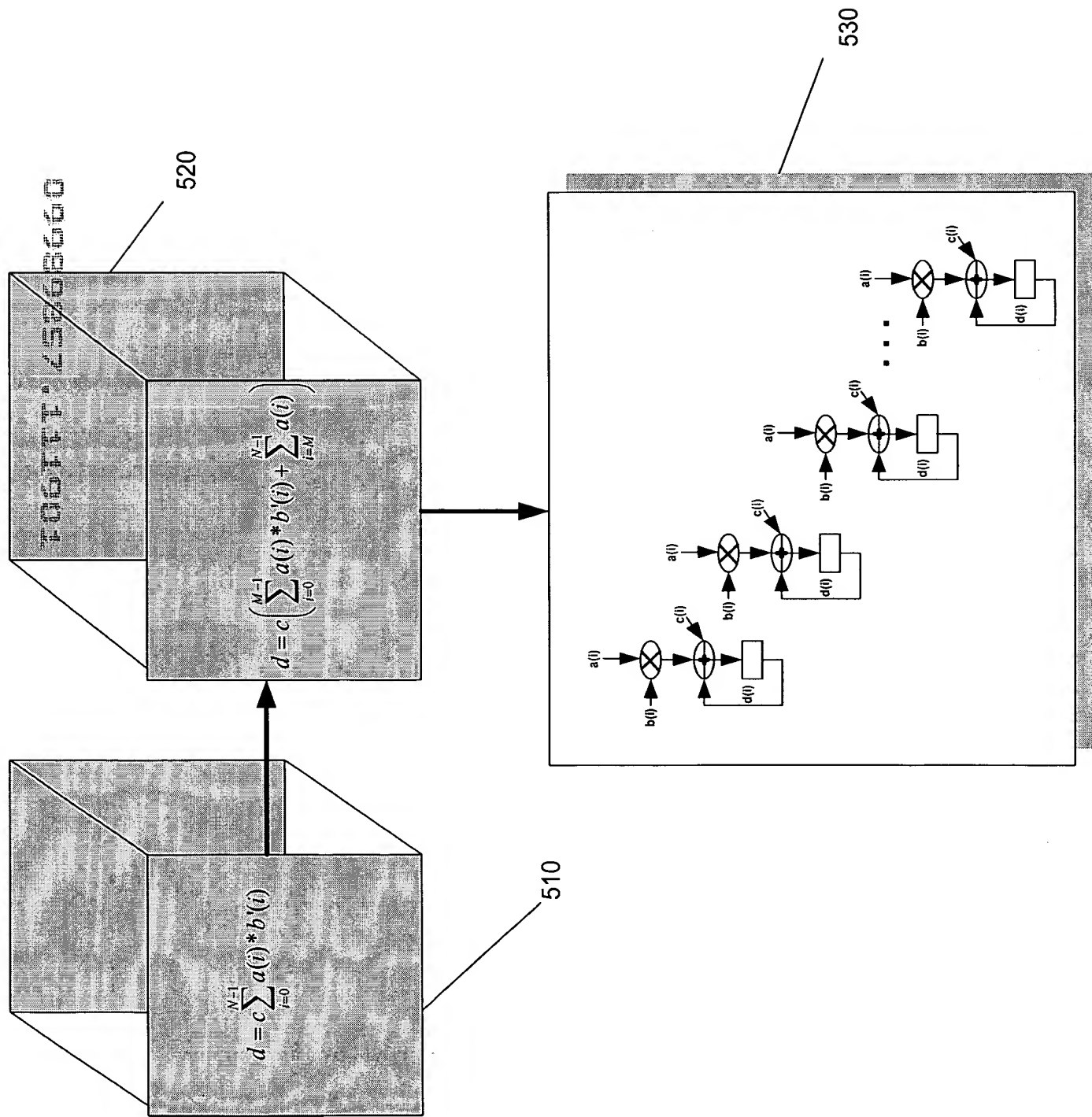


FIG. 5

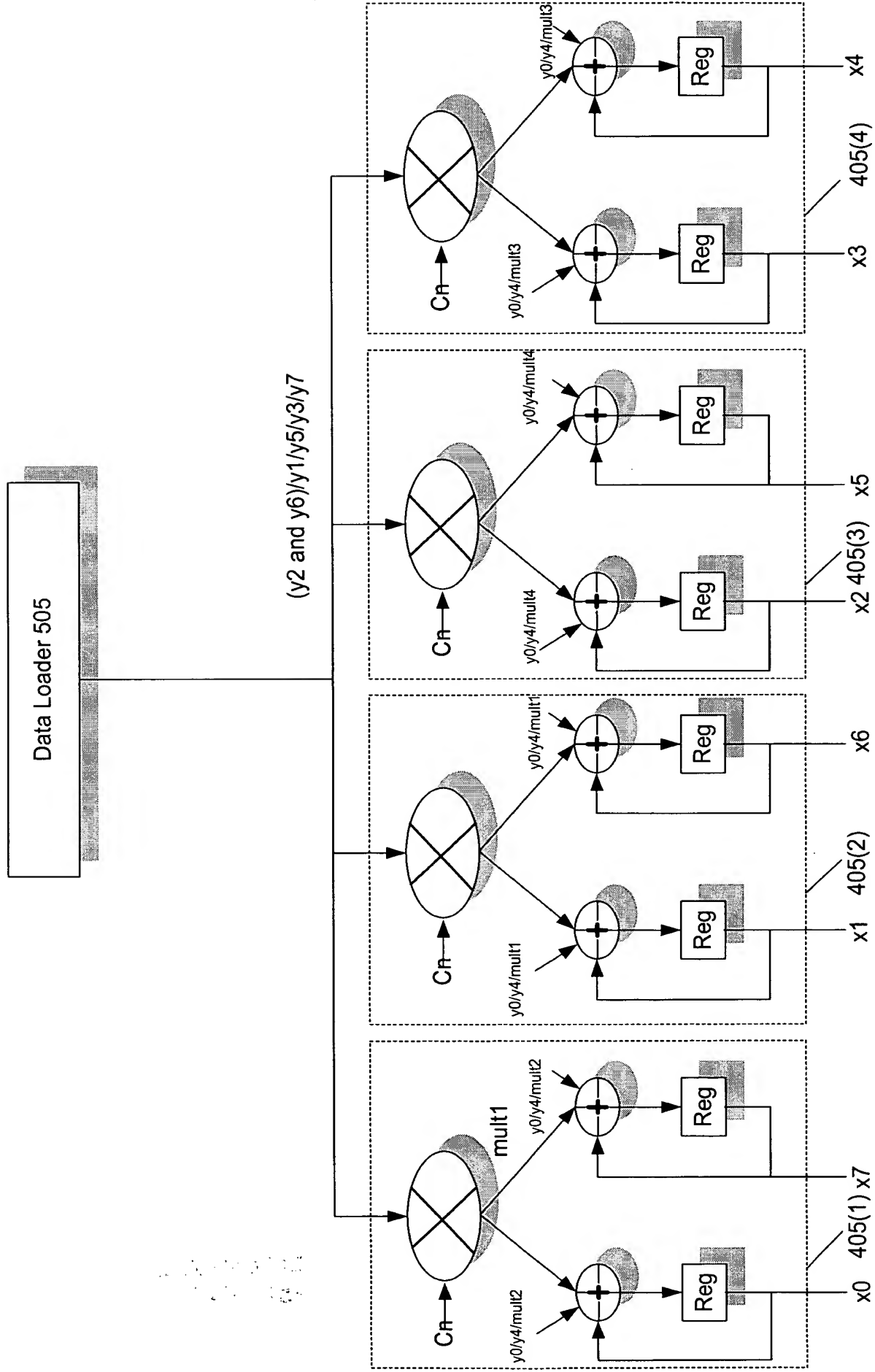
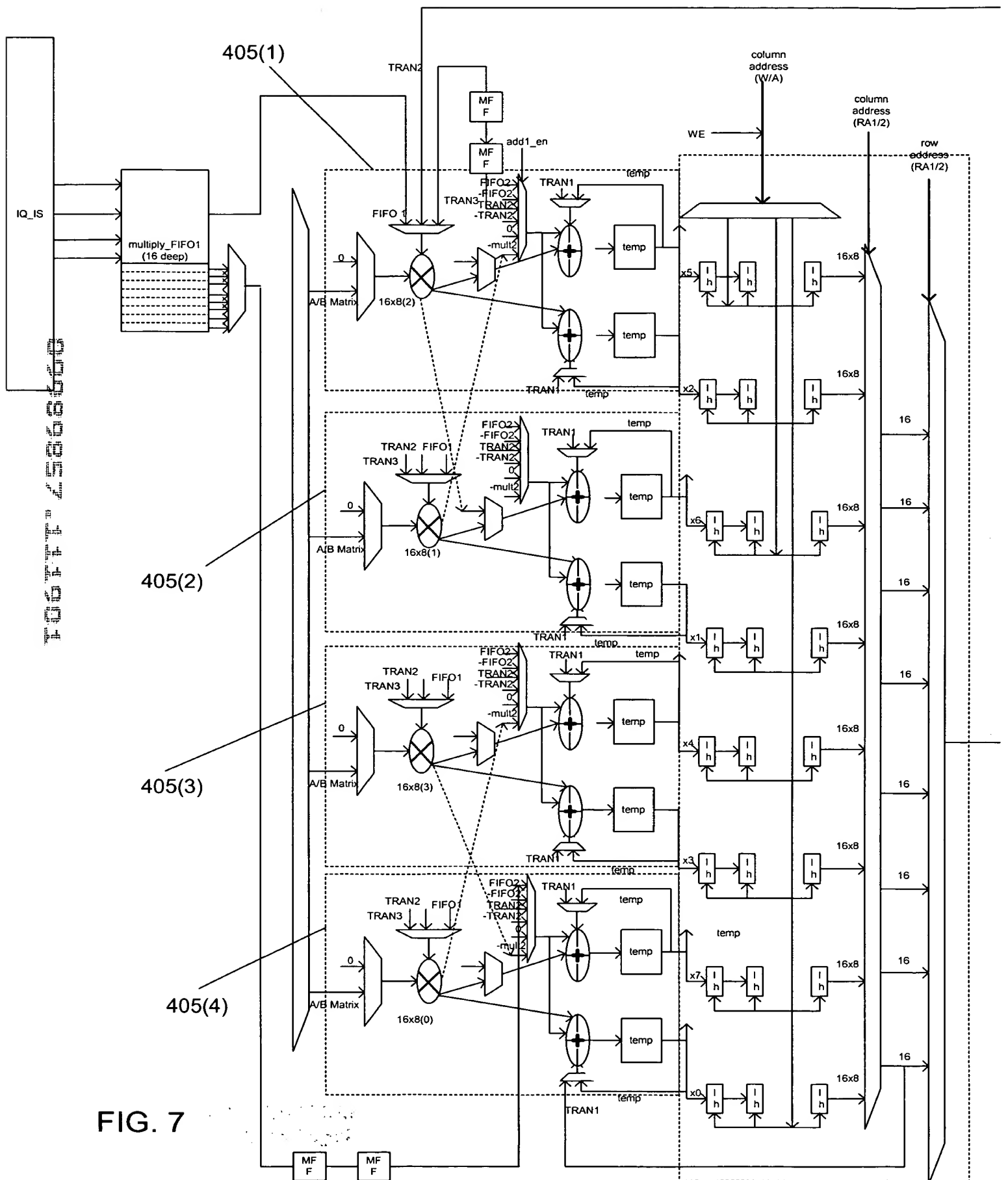


FIG. 6



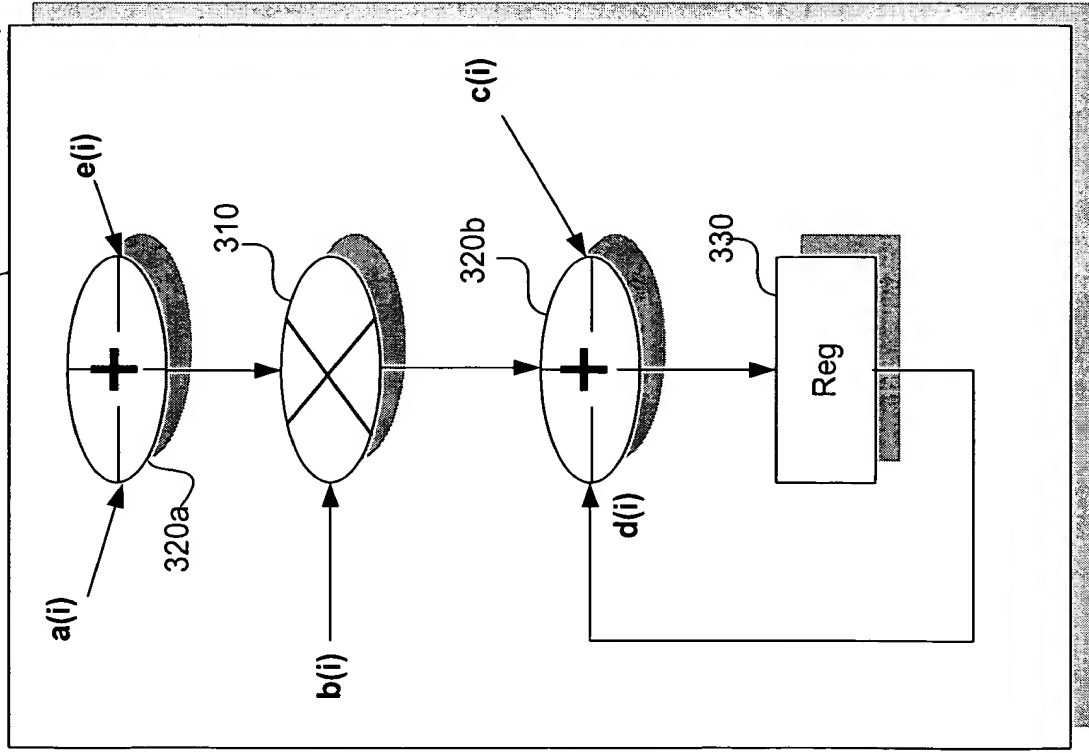


FIG. 8

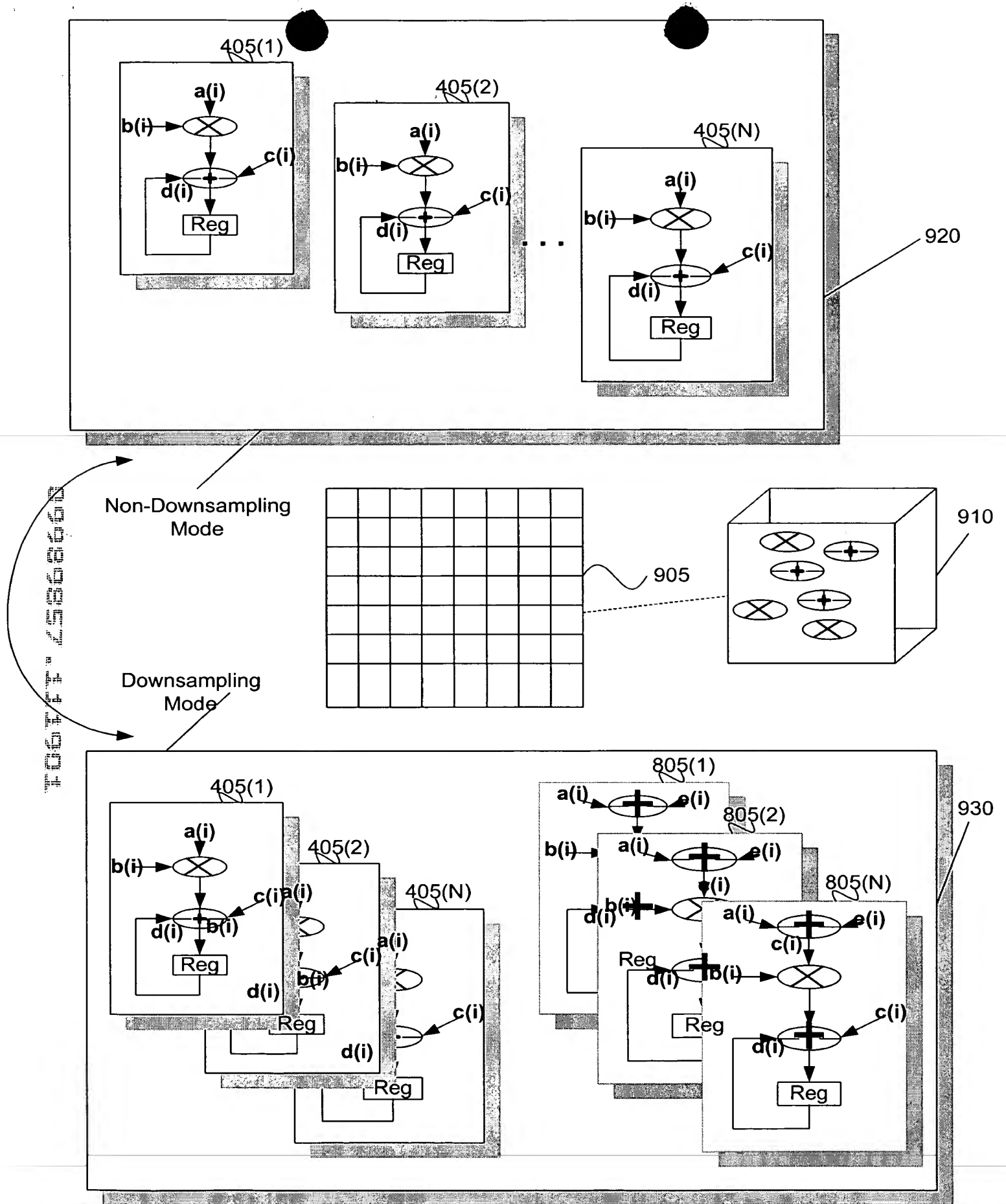


FIG. 9

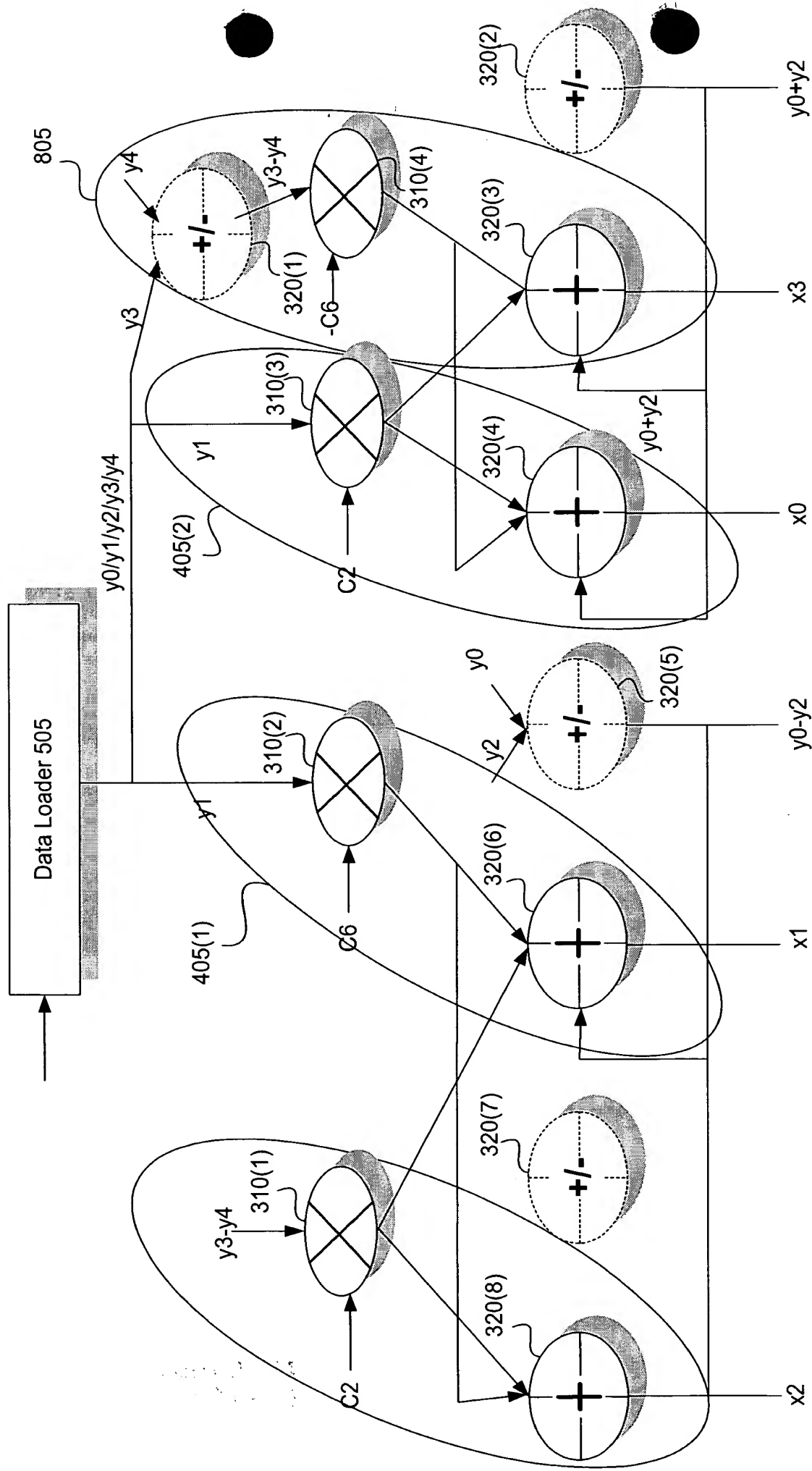


FIG. 10

non-downsampling(1h1v) first path

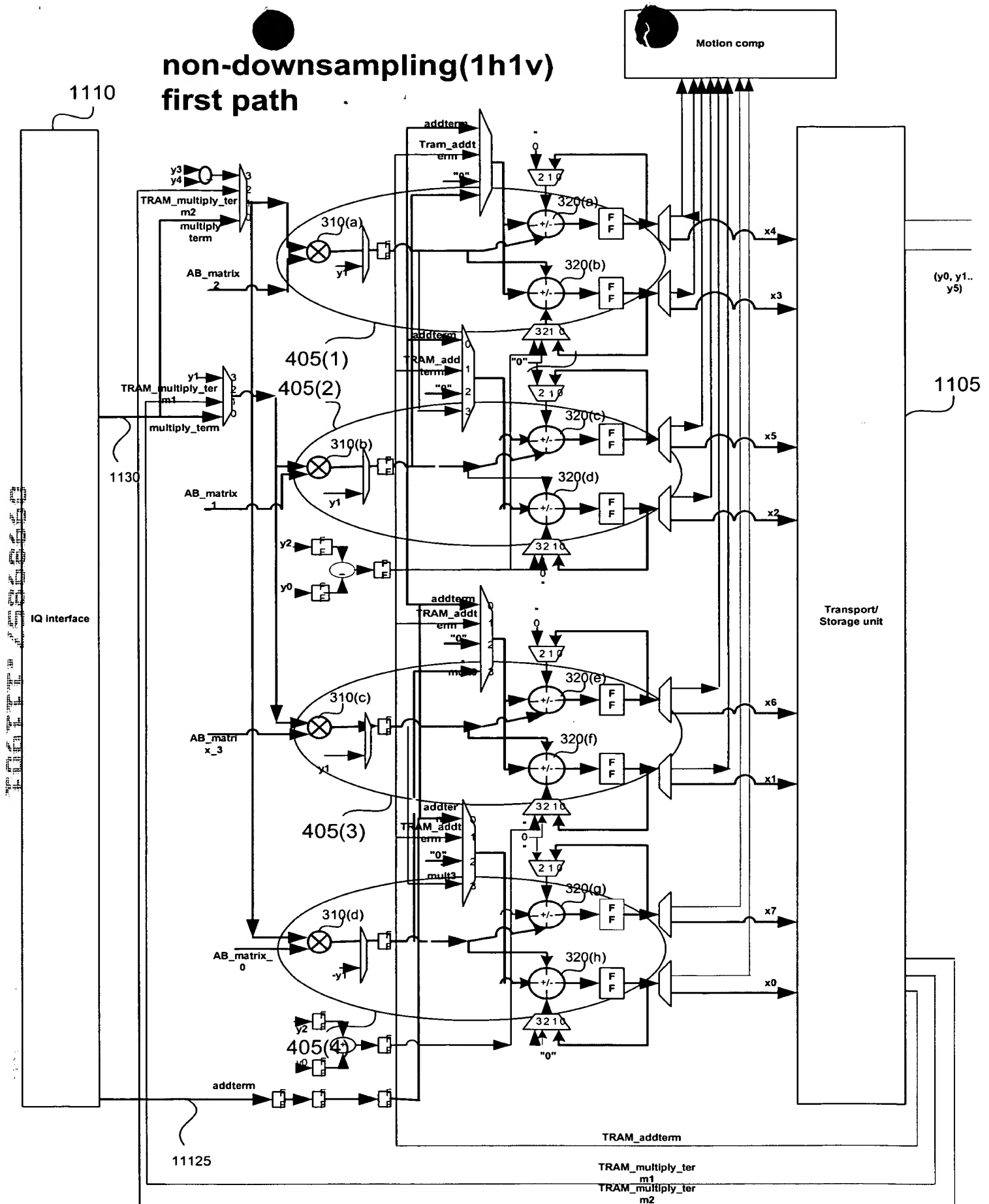


FIG. 11a

non-downsampling(1h1v) second path

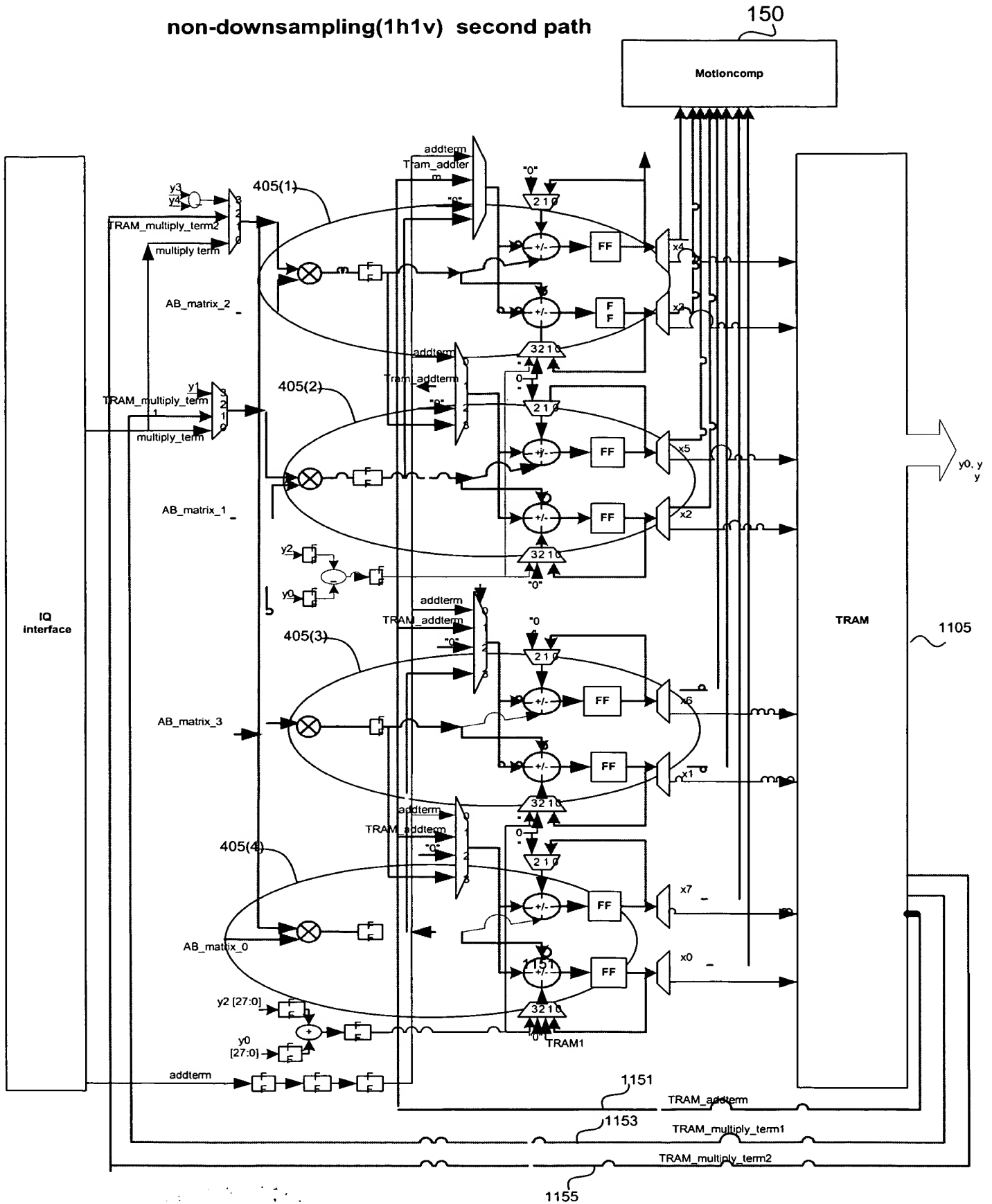
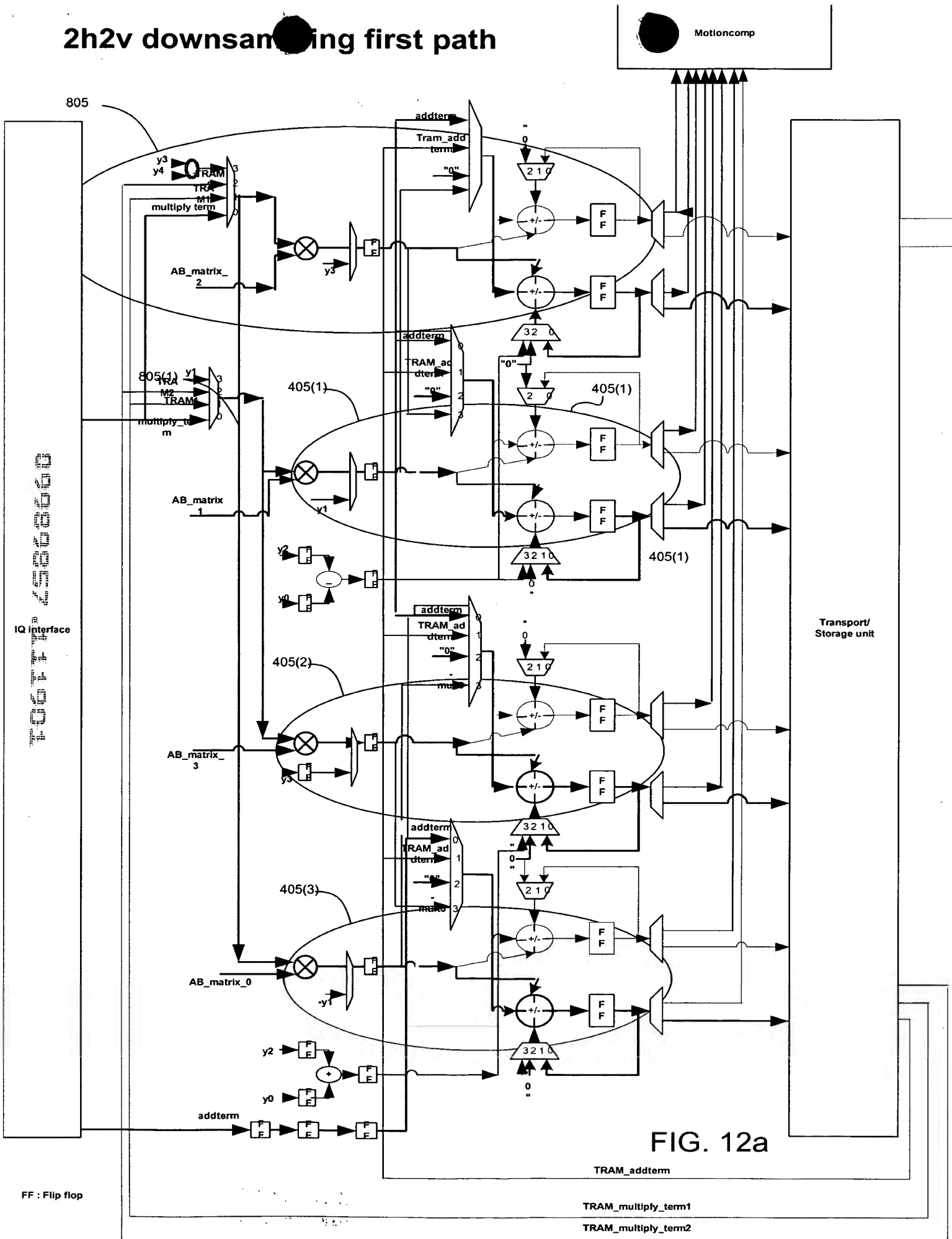


FIG. 11b

2h2v downsampling first path



downsampling(2h2v) second path

